

Converting Colors

Yxy(88.7313, 0.4118, 0.5112)

Have a look what the booklet for
Yxy(88.7313, 0.4118, 0.5112)
contains.

Yxy(88.4981, 0.4123, 0.5108)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(88.4981, 0.4123, 0.5108)

Conversions

Conversions Part 1

Format	Color
Hex	F2FC00
RGB	242, 252, 0
RGB Percent	95%, 99%, 0%
CMY	0.0509, 0.0118, 0.9990
CMYK	0.04, 0.00, 1.00, 0.01
HSL	62°, 100%, 49%
HSV	62°, 100%, 99%
XYZ	71.4326, 88.4981, 13.3232
YIQ	220.2820, 74.9320, -80.4920

Conversions

Conversions Part 2

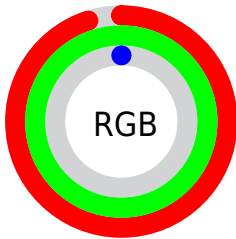
Format	Color
RYB	0, 252, 10
Decimal	15924224
CIELab	95.37, -25.45, 92.73
CIELCh	95, 96.156, 105.349
Yxy	88.4981, 0.4123, 0.5108
Android (android.graphics.Color)	4294114304 (0xFFFF2FC00)
YUV	220.2820, -108.5990, 19.0467
Hunter-Lab	94.0734, -29.0885, 57.4544

Details

The Yxy color **88.4981, 0.4123, 0.5108** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **7.1002, 0.1509, 0.0605**, and the grayscale version is **72.5371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6062, 0.4005, 0.4742**, and **49.3036, 0.4059, 0.5159** is the 20% darker color. If you saturate the color by 10%, you get **88.4998, 0.4123, 0.5108**, and if you desaturate by 10%, it is **88.7513, 0.4112, 0.5072**.

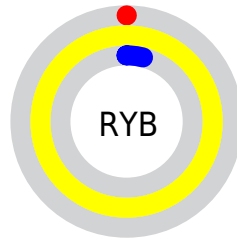
Distribution



Red (95%)

Green (99%)

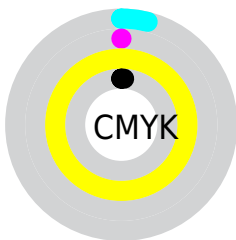
Blue (0%)



Red (0%)

Yellow (99%)

Blue (4%)

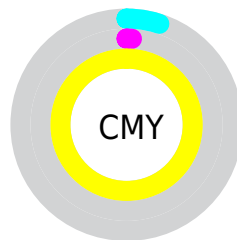


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (1%)



Cyan (5%)

Magenta (1%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.4981, 0.4123, 0.5108 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 88.4981, 0.4123, 0.5108 by changing the saturation by 10% instead.


 88.4981, 0.4123,
0.5108


 88.4981, 0.4123,
0.5108


523.1330, 0.3783,
0.4352

 66.7357, 0.4164,
0.5245

 145.2504, 0.4034,
0.4873


 48.8698, 0.4196,
0.5395


 181.0091, 0.3991,
0.4773


 34.5162, 0.4211,
0.5554


 222.2019, 0.3950,
0.4683

 23.2905, 0.4211,
0.5741

 269.2134, 0.3912,
0.4603

 14.8081, 0.4123,
0.5877

 322.4278, 0.3876,
0.4530

 8.6848, 0.3972,
0.6028

 382.2297, 0.3843,


 4.5362, 0.3745,


0.4465


0.6255


449.0033, 0.3812,
0.4406


 1.9778, 0.3371,
0.6629


 0.5945, 0.0000,
1.0000

 88.4981, 0.4123,
0.5108


 88.4981, 0.4123,
0.5108


 88.4998, 0.4123,
0.5108

 88.7513, 0.4112,
0.5072


 89.0936, 0.4079,
0.4998


 89.5568, 0.4019,
0.4879

 90.1581, 0.3934,
0.4718

 90.9117, 0.3825,
0.4519

 91.8303, 0.3698,
0.4291

 92.9251, 0.3560,
0.4045

 94.2062, 0.3415,
0.3790

 95.6832, 0.3269,
0.3535

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4981, 0.4896, 0.4441



88.4981, 0.4123, 0.5108



88.4981, 0.3161, 0.5275

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4981, 0.4123, 0.5108



88.4981, 0.1396, 0.2315



88.4981, 0.3874, 0.2396

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



88.4981, 0.4123, 0.5108



7.1002, 0.1509, 0.0605

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.4981, 0.2775, 0.1958



88.4981, 0.4123, 0.5108



88.4981, 0.1513, 0.1860

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.4981, 0.4123, 0.5108



88.4981, 0.1620, 0.3246



88.4981, 0.1961, 0.1767



88.4981, 0.4855, 0.3007

Rectangle

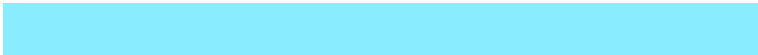
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.4981, 0.4123, 0.5108



88.4981, 0.2526, 0.4856



88.4981, 0.1961, 0.1767



88.4981, 0.3494, 0.2226

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



88.5022, 0.4123, 0.5108



95.4432, 0.3561, 0.4048



20.8842, 0.6383, 0.3313



20.3226, 0.3621, 0.4153



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5022, 0.4123, 0.5108



90.9110, 0.4123, 0.5108



73.4561, 0.3309, 0.5754



20.1536, 0.3263, 0.3525



46.1156, 0.4124, 0.5107



4.2817, 0.4133, 0.5100

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



7.1002, 0.1509, 0.0605



7.2853, 0.1508, 0.0604



12.1453, 0.2073, 0.0916



16.6759, 0.2985, 0.3045



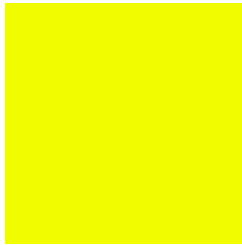
3.7094, 0.1512, 0.0607



0.3548, 0.1541, 0.0623

Previews

White Background



This preview shows how the Yxy color 88.4981, 0.4123, 0.5108 looks on a white background.

Color Contrast Check

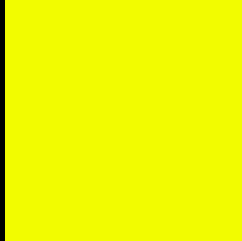
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 88.4981, 0.4123, 0.5108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.4981, 0.4123, 0.5108

Background



This preview shows how black text looks on a background with the Yxy color 88.4981, 0.4123, 0.5108.

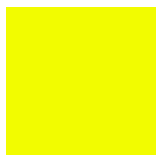


This preview shows how white text looks on a background with the Yxy color 88.4981, 0.4123, 0.5108.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



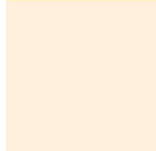
Original Color

88.4981, 0.4123, 0.5108



Protanopia

88.3951, 0.3556, 0.3830



Deuteranopia

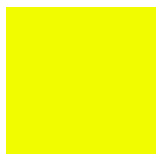
88.1603, 0.3355, 0.3479



Tritanopia

88.1530, 0.3167, 0.3155

Trichromacy



Original Color

88.4981, 0.4123, 0.5108



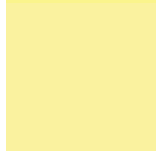
Protanomaly

87.5916, 0.3905, 0.4514



Deuteranomaly

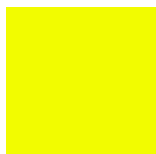
86.9188, 0.3807, 0.4325



Tritanomaly

86.3315, 0.3702, 0.4128

Monochromacy



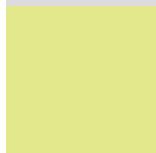
Original Color

88.4981, 0.4123, 0.5108



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

76.1007, 0.3690, 0.4282

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4981, 0.4123, 0.5108 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(242, 252, 0)` looks like.

```
.text, #text, p{  
    color:rgb(242, 252, 0)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(242, 252, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 252, 0) }
```

Border

The CSS property to change the border of an element to Yxy 88.4981, 0.4123, 0.5108 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(242, 252, 0) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(242, 252, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(242, 252, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 252, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 252, 0);  
box-shadow:4px 4px 4px 4px rgb(242, 252,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4981, 0.4123, 0.5108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 252, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(242,  
252, 0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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